

### **AMENDMENTS TO THE DRAWINGS**

The attached sheet of drawings includes changes to Figs. 1, 2, 7, and 8. Fig. 1 of Sheet 1 was amended to change "Fig. 1" in brackets (two instances) to "Fig. 2". Fig. 2 of Sheet 2 was amended to include the reference no. "32". Fig. 7 of Sheet 6 was amended to remove the out signals "Flow Rate", "Particle Size", and "Mass Flow". Fig. 8 of Sheet 7 was amended to remove the out signals "Mach #", "Particle Size", and "Mass Flow".

Attachment: Replacement Sheets  
Annotated Sheets Showing Changes

## REMARKS

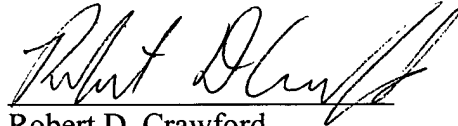
Claims 1-21 are pending in the present application. Claims 12 and 19-21 have been amended to better describe the present invention.

1. Examiner objected to portions of the specification. Applicants have amended the specification and request that these objections be withdrawn.
2. Examiner objected to Drawings. Applicants have amended the disclosure and request that these objections be withdrawn.
3. Claims 12 and 19-21 have been objected to because of informalities. Claims 12 and 19-21 have been amended, and Applicants request that these objections be withdrawn.
4. Applicants are currently claiming small entity status for the present patent application.
5. In view of the foregoing, it is respectfully requested that the application be reconsidered and allowed. If the Examiner is not prepared to allow all the claims in view of the discussion herein, Applicants hereby respectfully request a phone interview with the Examiner at the Examiner's earliest convenient. Applicants' counsel can be reached at 203-626-3502 (direct dial) between the hours of 8:00 a.m. and 5:00 p.m., or by E-mail at [rcrawford@cidra.com](mailto:rcrawford@cidra.com).

6. A petition for a two-month extension of time under 37 CFR 1.136 is submitted herewith. Please charge the fees of **\$510.00** for the three (3) month extension of time to Deposit Account No. 50-0260 Order No. CC-0702. Any deficiency or overpayment should be charged or credited to this deposit account.

Respectfully submitted,

DANIEL L. GYSLING ET AL.

A handwritten signature in black ink, appearing to read "Robert D. Crawford", written over a horizontal line.

Robert D. Crawford

Registration No. 38,119

CiDRA Corporation  
50 Barnes Park North  
Wallingford, CT 06492  
Telephone: (203) 626-3502

Red-lined



REPLACEMENT SHEET

1/7

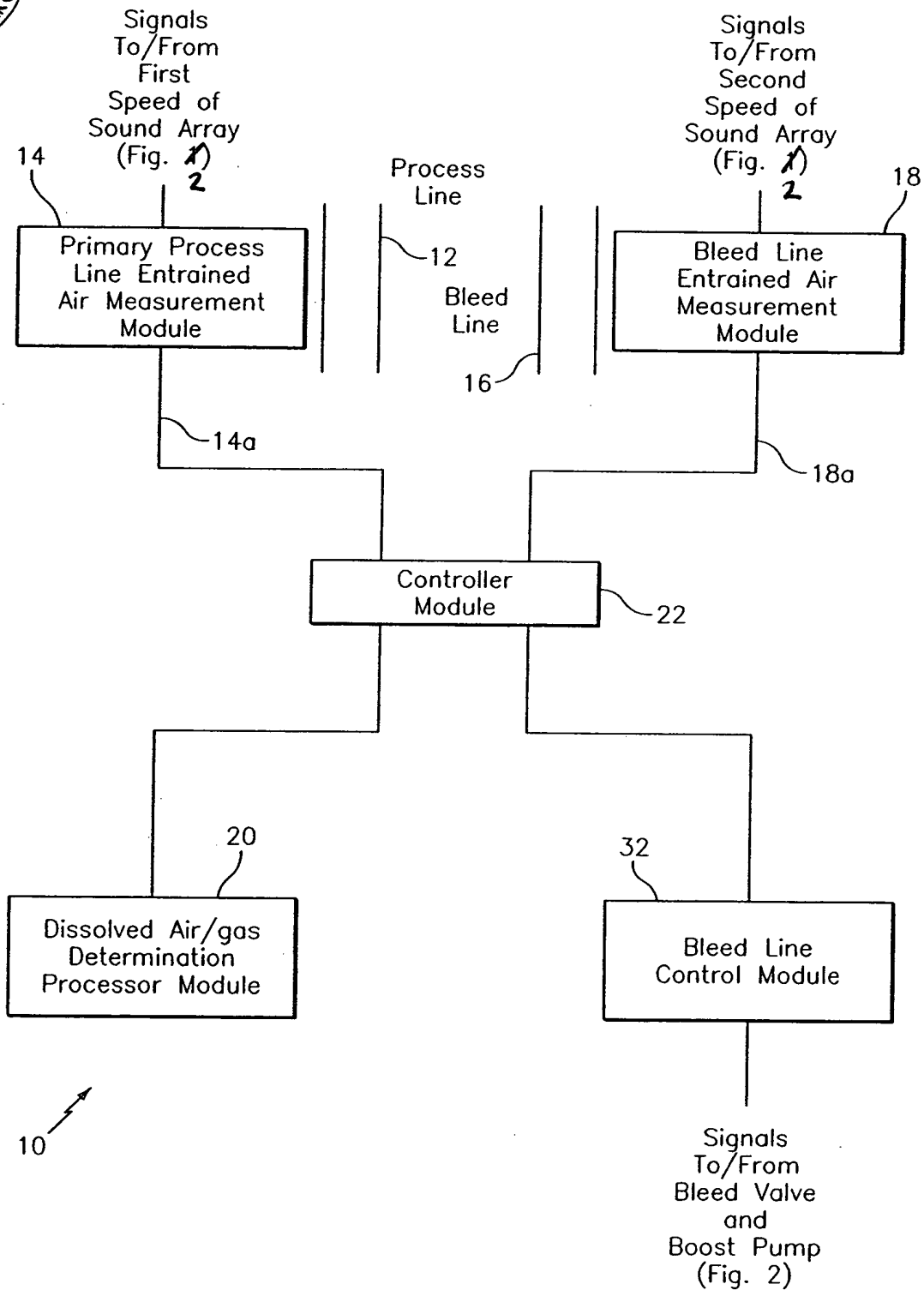


FIG. 1

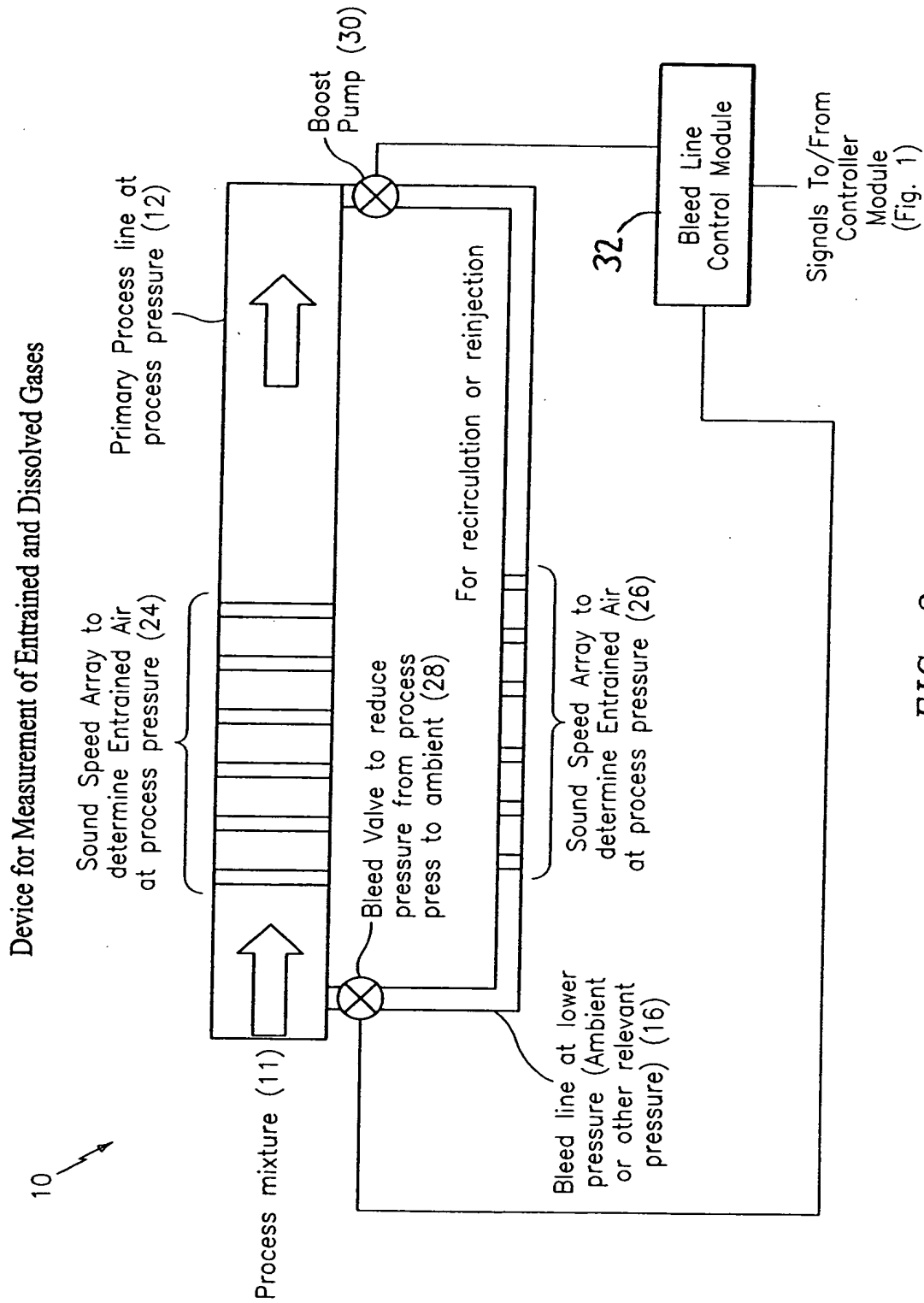
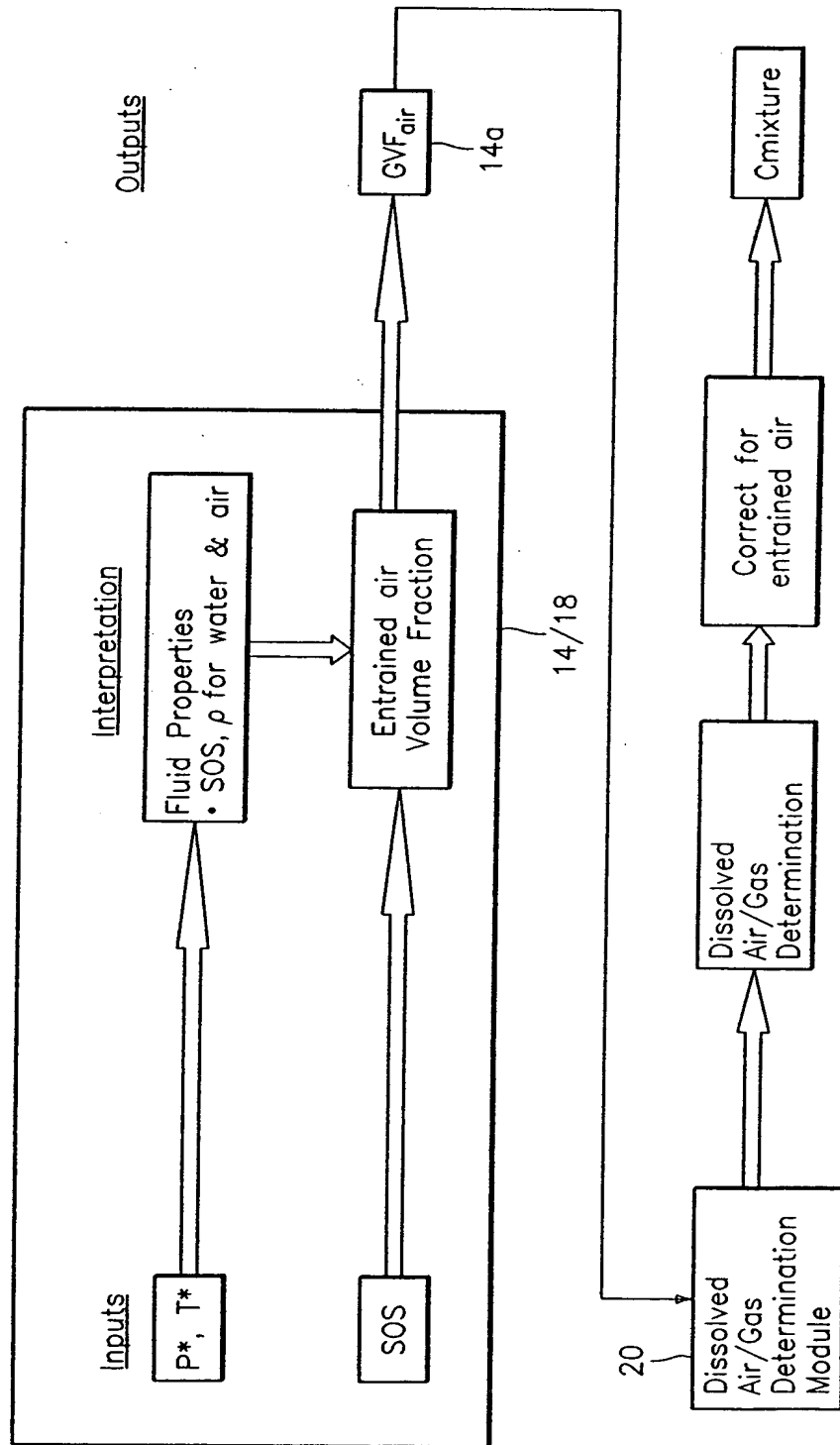


FIG. 2



\*Measured or estimated

FIG. 3

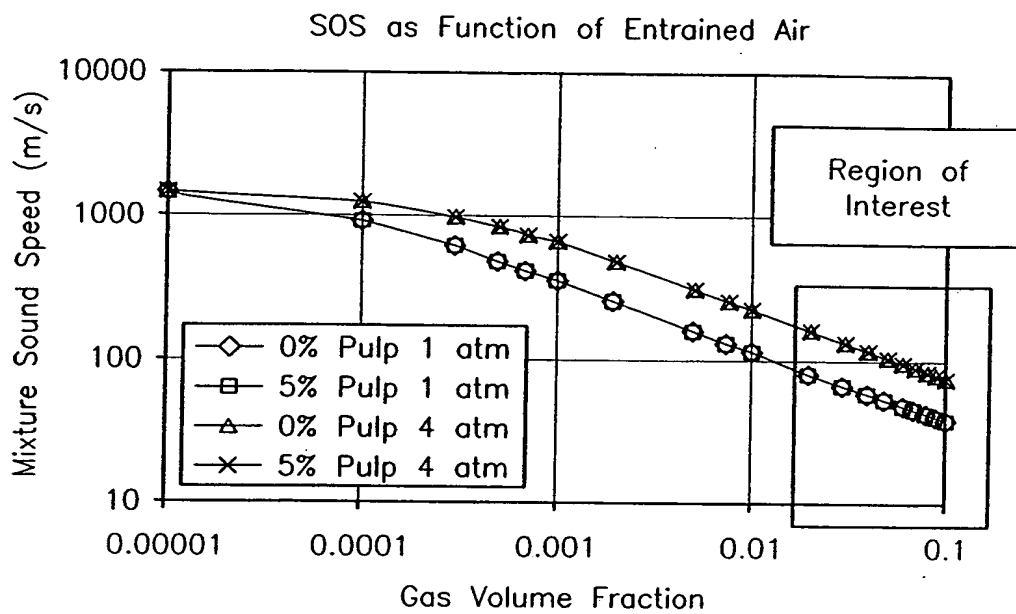


FIG. 4

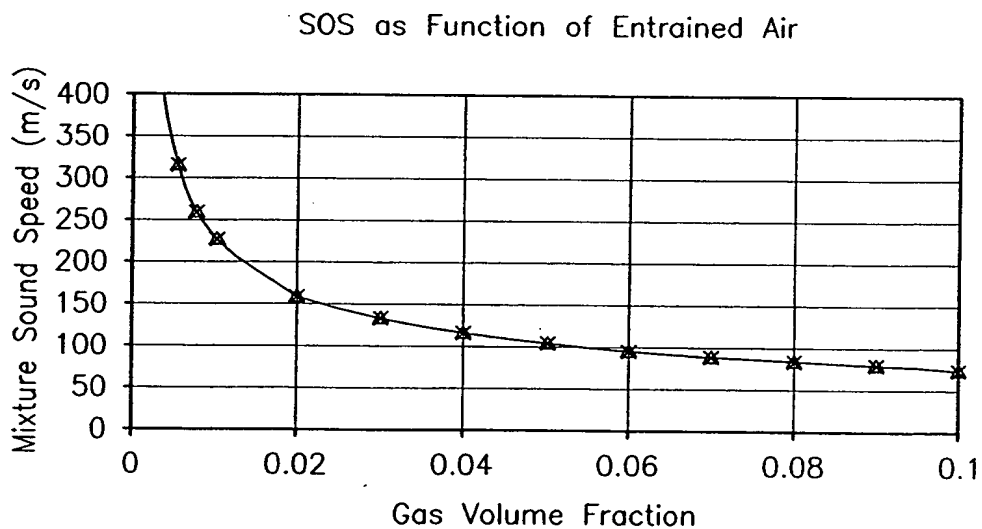


FIG. 5

K- $\omega$  plot showing Acoustic Ridges  
(in water with entrained air)

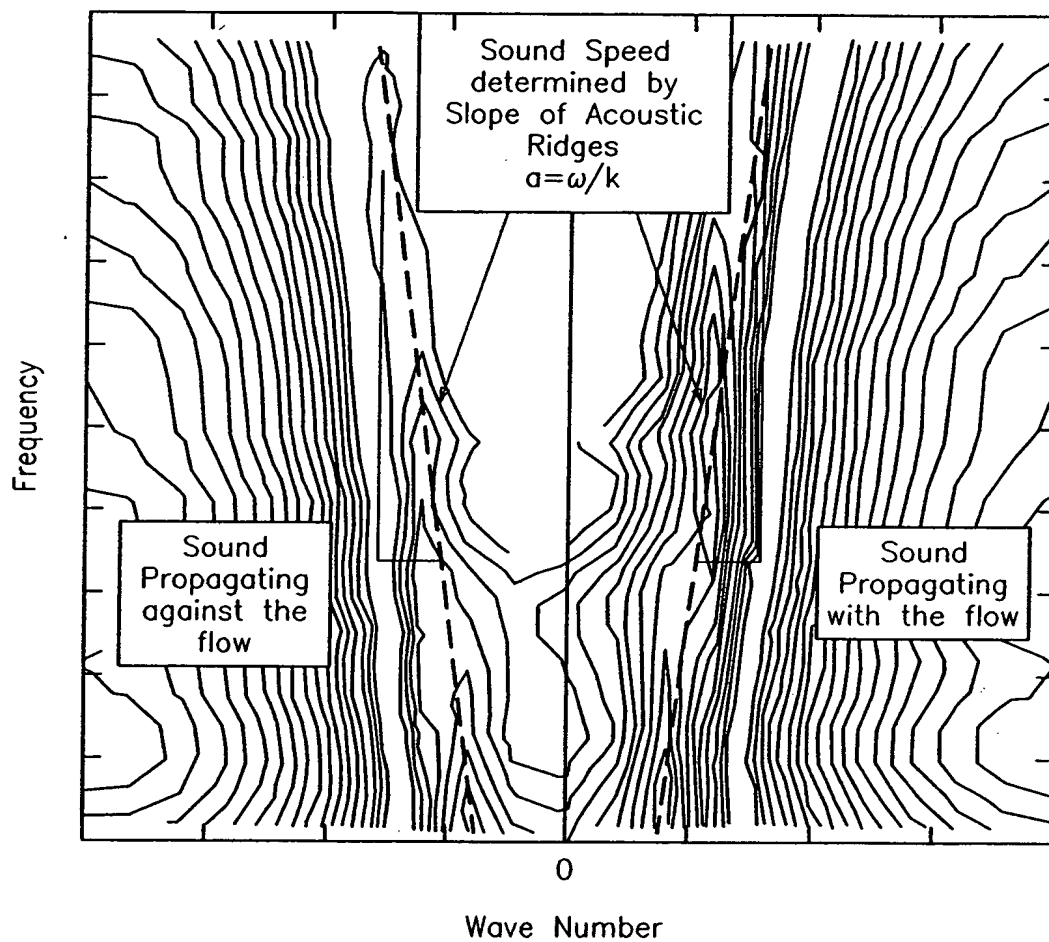


FIG. 6



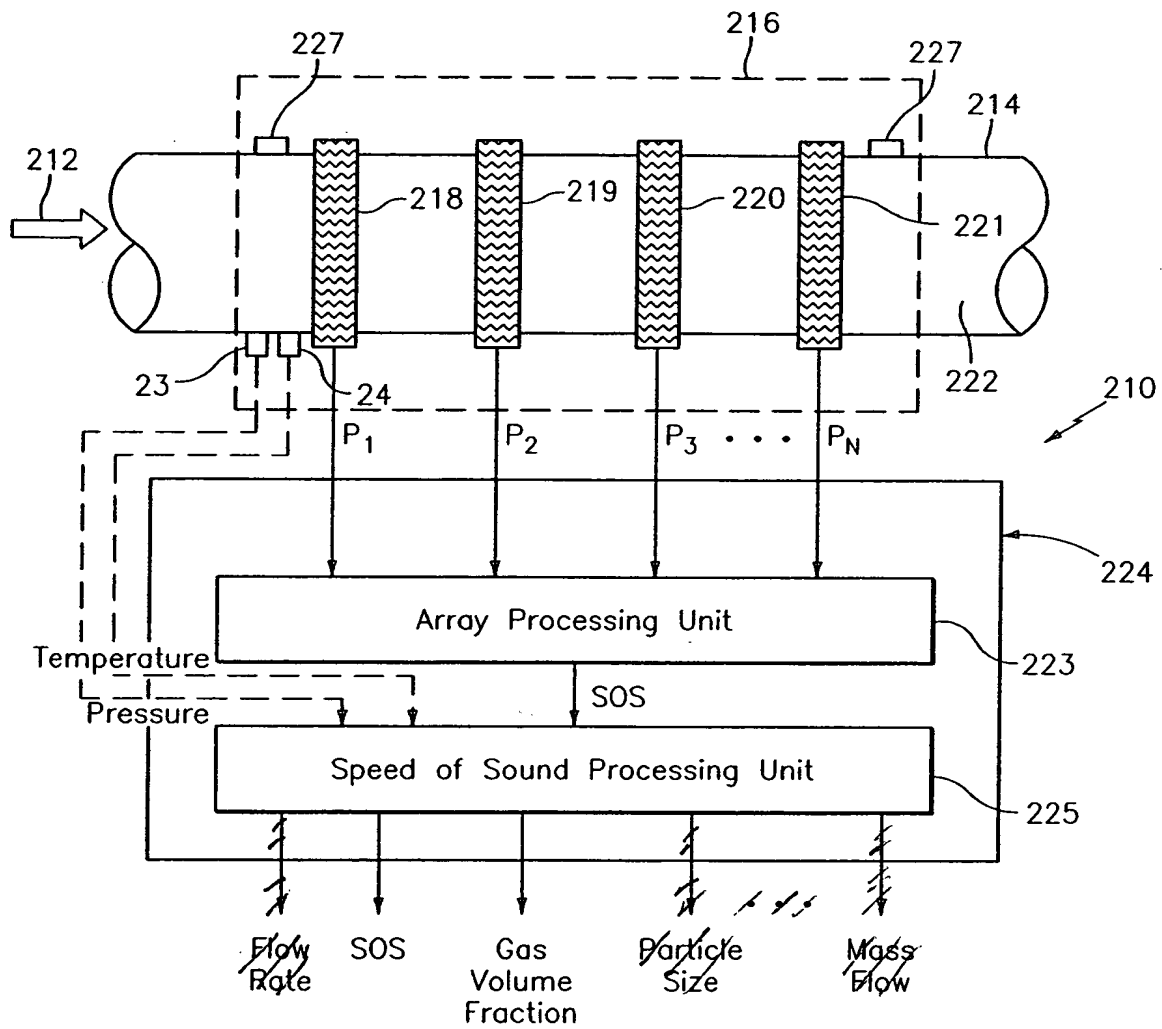


FIG. 7

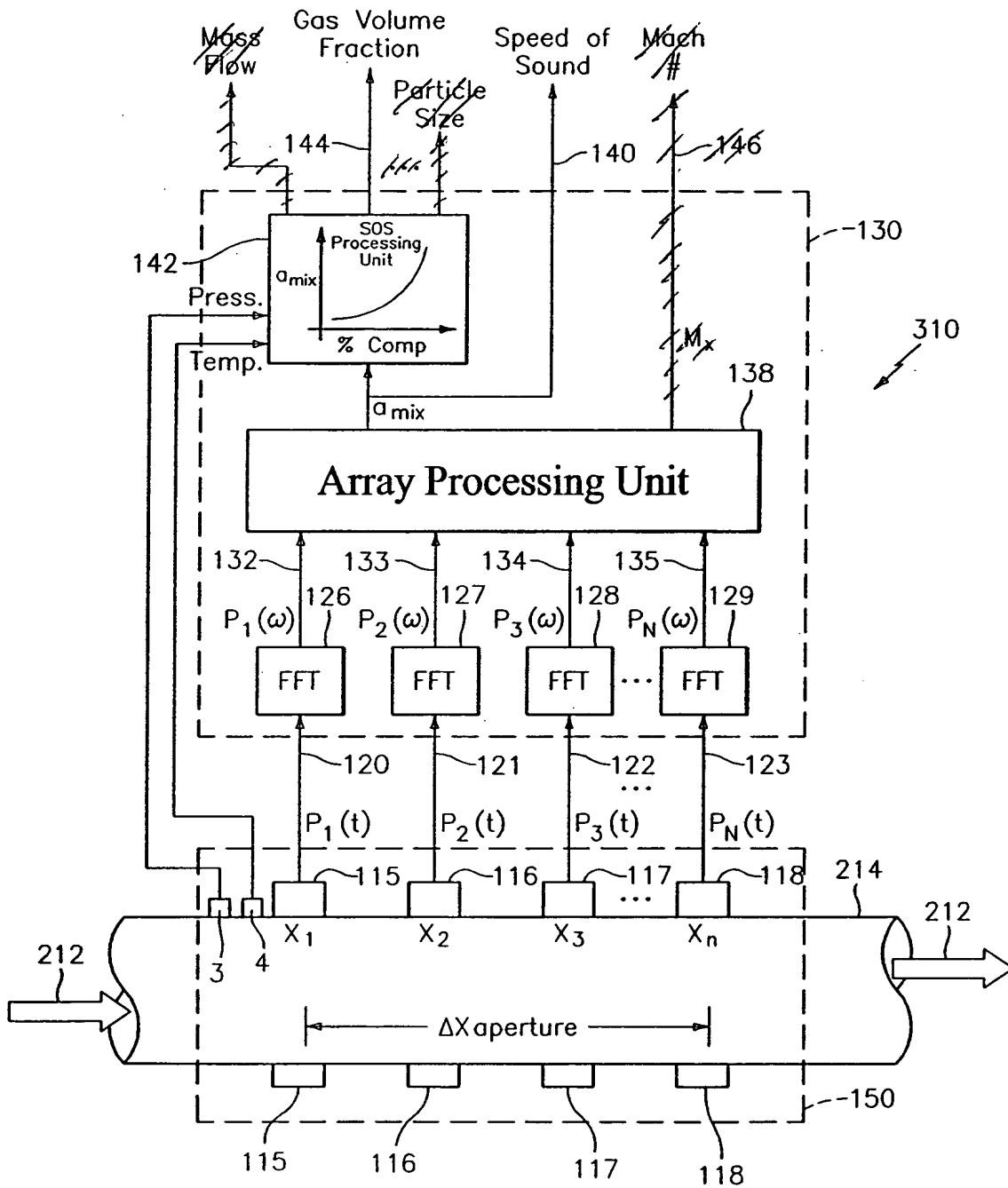


FIG. 8